

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| S1 | 52 | (Rezai.in. near Ali.in.) (Sharan.in. near Ashwini.in.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:02 |
| S2 | 789 | ("Cleveland Clinic").as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 08:18 |
| S4 | 18 | "5711316".pn. "5938688".pn. "5925070".pn. "6058331".pn. "6368331".pn. "6161044".pn. US-20020032375-\$..did. US-20020183607-\$..did. US-20020116030-\$..did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:21 |
| S5 | 316 | (607/1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 10:50 |
| S6 | 973 | (607/2).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 13:30 |
| S7 | 412 | (607/45).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 13:45 |
| S8 | 454 | (607/46).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 10:50 |

EAST Search History

| | | | | | | |
|-----|---------|---|--|----|-----|------------------|
| S10 | 19387 | ((607/1-76) or (607/115-156)). CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 10:51 |
| S11 | 5021721 | Pain or nociceptive or neuropathic or spinal adj cord or brain or nerve or tissue or body | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:03 |
| S12 | 483742 | implant\$4 or invasive or surgery | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:03 |
| S13 | 5672586 | stimulat\$4 or signal or pulse or drug | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:04 |
| S14 | 86007 | "pre-frontal cortex" or "orbitofrontal cortex" or "anterior limb" or "internal capsule" or "insular cortex" or "primary somatosensory cortex" or "posterior cingulate cortex" or "inferior frontal gyrus" or "middle frontal gyrus" or "superior frontal gyrus" or "medial frontal gyrus" or "parahippocampal gyrus" or "precuneus amygdala" or hippocampus or cerebral or cortex | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:06 |

EAST Search History

| | | | | | | |
|-----|-------|---|--|----|----|------------------|
| S15 | 6298 | thalamus or "anterior nucleus" or "intralaminar thalamic nuclei" or "dorsomedial nucleus" or "mammillary body" or "lateral hypothalamus" or "locus coeruleus" or "dorsal raphe nucleus" or "substantia nigra pars compacta" or "substantia nigral pars reticulata" or "superior colliculus" or "tegmentum" or "ventral tegmentum" or "tectum" or "Medial thalamus" or "nucleus accumbens" or "ventral striatum" or "ventral pallidum" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:09 |
| S16 | 28459 | S11 and S12 and S13 and S14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:12 |
| S17 | 3777 | S11 and S12 and S13 and S15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 11:22 |
| S18 | 1119 | S16 and S10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:12 |
| S19 | 420 | S17 and S10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:15 |
| S20 | 3283 | S16 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:15 |

EAST Search History

| | | | | | | |
|-----|---------|--|--|----|----|------------------|
| S21 | 360 | S20 and S10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:16 |
| S25 | 206 | S18 and ("chronic pain" or "nociceptive pain" or "non-nociceptive pain" or "neuropathic pain" or "deafferentation pain") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:33 |
| S26 | 103 | S19 and ("chronic pain" or "nociceptive pain" or "non-nociceptive pain" or "neuropathic pain" or "deafferentation pain") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:33 |
| S27 | 681 | S20 and ("chronic pain" or "nociceptive pain" or "non-nociceptive pain" or "neuropathic pain" or "deafferentation pain") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:33 |
| S28 | 90 | S21 and ("chronic pain" or "nociceptive pain" or "non-nociceptive pain" or "neuropathic pain" or "deafferentation pain") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 15:33 |
| S29 | 58 | ("1935138" "3822708" "3850161" "3918461" "5002053" "5121754" "5181511" "5324309" "5332401" "5370665").PN. OR ("5713922"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/26 16:01 |
| S31 | 5022786 | Pain or nociceptive or neuropathic or spinal adj cord or brain or nerve or tissue or body | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 11:22 |

EAST Search History

| | | | | | | |
|-----|---------|---|--|----|----|------------------|
| S32 | 484000 | implant\$4 or invasive or surgery | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 11:22 |
| S33 | 5674291 | stimulat\$4 or signal or pulse or drug | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 11:22 |
| S34 | 86065 | "pre-frontal cortex" or "orbitofrontal cortex" or "anterior limb" or "internal capsule" or "insular cortex" or "primary somatosensory cortex" or "posterior cingulate cortex" or "inferior frontal gyrus" or "middle frontal gyrus" or "superior frontal gyrus" or "medial frontal gyrus" or "parahippocampal gyrus" or "precuneus amygdala" or hippocampus or cerebral or cortex | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 11:22 |
| S35 | 6305 | thalamus or "anterior nucleus" or "intralaminar thalamic nuclei" or "dorsomedial nucleus" or "mammillary body" or "lateral hypothalamus" or "locus coeruleus" or "dorsal raphe nucleus" or "substantia nigra pars compacta" or "substantia nigral pars reticulata" or "superior colliculus" or "tegmentum" or "ventral tegmentum" or "tectum" or "Medial thalamus" or "nucleus accumbens" or "ventral striatum" or "ventral pallidum" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 11:22 |
| S36 | 28984 | S31 and S32 and S33 and (S35 or S34) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 11:22 |

EAST Search History

| | | | | | | |
|-----|-------|---|--|----|-----|------------------|
| S37 | 19395 | ((607/1-76) or (607/115-156)). CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 11:32 |
| S38 | 1179 | S36 and S37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 11:33 |
| S39 | 76 | S38 and opi\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 13:06 |
| S40 | 343 | S38 and "closed loop" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 11:33 |
| S41 | 27 | S39 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 11:35 |
| S42 | 22 | ("20020013612" "20020087201" "3850161" "3918461" "4411258" "4646744" "5193539" "5193540" "5312439" "5713923" "5938688" "6016449" "6051017" "6066163" "6253109" "6263225" "6319241" "6353762" "6366813" "6415184" "6463328" "6526318").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/27 11:37 |
| S43 | 44 | S38 and (opium or opioid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 13:10 |

EAST Search History

| | | | | | | |
|-----|-------|---|--|----|-----|------------------|
| S44 | 20 | S40 and S43 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 13:06 |
| S45 | 328 | 607/2.ccls. and brain | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 13:36 |
| S47 | 190 | 607/45.ccls. and pain and brain | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 13:46 |
| S48 | 221 | 607/46.ccls. and pain and brain | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 13:46 |
| S50 | 397 | S47 or S48 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 13:46 |
| S52 | 42 | S50 and (opium or opioid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 13:57 |
| S53 | 19395 | ((607/1-76) or (607/115-156)). CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 13:57 |

EAST Search History

| | | | | | | |
|-----|-----|---------------------------------------|--|----|----|------------------|
| S54 | 12 | S53 and "endogenous opioids" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 15:35 |
| S56 | 12 | S53 and "endogenous opioids" and pain | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 15:46 |
| S59 | 774 | endogenous adj opioid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 15:59 |
| S60 | 582 | S59 and pain | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 15:59 |
| S61 | 207 | S59 and (chronic adj pain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 16:03 |
| S63 | 3 | S61 and S53 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 16:00 |
| S64 | 45 | S59 same (chronic adj pain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 16:03 |

EAST Search History

| | | | | | | |
|-----|-----|--|--|----|----|------------------|
| S65 | 28 | (US-20010003799-\$ or US-20050010262-\$ or US-20020161403-\$).did. or (US-6109269-\$ or US-6356784-\$ or US-6405079-\$ or US-6176242-\$ or US-5938689-\$ or US-5833709-\$ or US-5792186-\$ or US-5713922-\$ or US-5683422-\$ or US-5707396-\$ or US-6609030-\$ or US-6167311-\$ or US-6104956-\$ or US-6066163-\$ or US-6418344-\$ or US-5938688-\$ or US-6128537-\$ or US-6567702-\$ or US-5925070-\$ or US-5330515-\$ or US-5782798-\$ or US-5713923-\$ or US-5713847-\$ or US-1464898-\$). did. or (US-5938688-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/03/28 07:35 |
| S66 | 15 | S65 and loop | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/03/28 07:35 |
| S67 | 9 | S65 and (closed adj loop) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/03/28 07:56 |
| S68 | 3 | S65 and opioid | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/03/28 07:58 |
| S70 | 253 | (endogenous adj opioid) same pain | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 08:03 |
| S71 | 45 | (endogenous adj opioid) same (chronic adj pain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 08:03 |



A service of the National Library of Medicine
and the National Institutes of Health

[My NCBI](#)
[\[Sign In\]](#) [\[Reg!\]](#)

All Databases

PubMed

Nucleotide

Protein

Genome

Structure

OMIM

PMC

Journals

Books

Search **PubMed**



for

[Preview](#)

[Go](#)

[Clear](#)

Limits Preview/Index **History** Clipboard Details

- Search History will be lost after eight hours of inactivity.
- Search numbers may not be continuous; all searches are represented.
- To save search indefinitely, click query # and select Save in My NCBI.
- To combine searches use #search, e.g., #2 AND #3 or click query # for more options.

About Entrez

[Text Version](#)

Entrez PubMed

[Overview](#)

[Help | FAQ](#)

[Tutorials](#)

New/Noteworthy

[E-Utilities](#)

PubMed Services

[Journals Database](#)

[MeSH Database](#)

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[Special Queries](#)

[LinkOut](#)

[My NCBI](#)

| Search | Most Recent Queries | Time | Result |
|--------|---|----------|-----------------------|
| | #6 Search #5 and brain Sort by: PublicationDate | 08:21:45 | 37 |
| | #5 Search #4 and stimulation | 08:19:18 | 106 |
| | #4 Search #2 and (chronic pain) | 08:18:54 | 468 |
| | #3 Search #2 and (chronic pain)\ | 08:18:43 | 468 |
| | #2 Search endogenous opioid | 08:18:10 | 28222 |
| | #1 Search endogenous adj opioid | 08:18:06 | 0 |

[Clear History](#)

Related Resources

[Order Documents](#)

[NLM Mobile](#)

[NLM Catalog](#)

[NLM Gateway](#)

[TOXNET](#)

[Consumer Health](#)

[Clinical Alerts](#)

[ClinicalTrials.gov](#)

[PubMed Central](#)

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Mar 19 2007 07:18:03